**DPG Münster 2017**

**CBM talks / talks with direct relation to CBM**

Session / speaker

1. HK 2.3 Mo 17:30 F 1
Performance of charged pions, kaons, protons and their antiparticles identification in the CBM experiment
*Viktor Klochkov*
2. HK 2.6 Mo 18:15 F 1
Performance studies for electron measurement with the CBM-TRD
*Etienne Bechtel*
3. HK 6.7 Mo 18:15 F 072
Radiation Damage Caused by Neutron Capture in Boron Doped Silicon Pixel Sensors
*Benjamin Linnik*
4. HK 6.9 Mo 18:45 F 072
Read-Out Resilience in Radiation Environments
*Andrei-Dumitru Oancea*
5. HK 9.2 Mo 17:00 F 234
The Silicon Tracking System of the CBM Experiment at FAIR
*Olga Bertini*
6. HK 9.3 Mo 17:30 F 234
Proton beam tests of silicon microstrip sensors for the CBM experiment
*Maksym Teklishyn*
7. HK 9.5 Mo 18:00 F 234
Hit position error estimation for the CBM Silicon Tracking System
*Hanna Malygina*
8. HK 9.6 Mo 18:15 F 234
Progress with System Integration of the CBM Silicon Tracking Detector
*Johann M. Heuser*
9. HK 12.1 Di 11:00 F 1
Event reconstruction and selection in high-rate heavy-ion reactions in the CBM experiment at FAIR
*Maksym Zyzak*
10. HK 12.2 Di 11:30 F 1
Geometry independent Kalman filter based track fit
*Artemiy Belousov*
11. HK 12.5 Di 12:15 F 1
Performance of 4-Dimensional Cellular Automaton Track Finder in CBM
*Valentina Akishina*
12. HK 15.1 Di 11:00 F 3
The CBM First-level Event Selector
*Jan de Cuveland*
13. HK 15.4 Di 12:00 F 3
A prototype of the free-streaming data acquisition system for the Compressed Baryonic Matter experiment at FAIR
*David Emschermann*
14. HK 15.5 Di 12:15 F 3
mCBM@SIS18 - a CBM full system test-setup at GSI
*Christian Sturm*
15. HK 16.2 Di 11:30 F 072
The CBM Time-of-Flight wall
*Ingo Martin Deppner*
16. HK 18.3 Di 11:30 F 073
The vertex detector of NA61/SHINE
*Michael Deveaux*
17. HK 18.5 Di 12:05 F 073
Evaluation of Innovative Cooling Concepts with High Performance Carbon Material for Vertex Detectors operated in Vacuum
*Daniela Mijatovic*
18. HK 21.3 Di 14:45 F 3
Reconstruction of neutral pions at CBM-RICH detector via conversion
*Ievgenii Kres*
19. HK 26.6 Di 15:30 F 102
Charakteristika von 700 HAMAMATSU H12700 MAPMTs
*Jörg Förtsch*
20. HK 27.24 Di 16:45 F Foyer
Performance studies for J/𝜓 measurements in p+A collisions with CBM
*Daniel Giang*
21. HK 27.52 Di 16:45 F Foyer
Track-based Misalignment Corrections for the CBM Silicon Tracking Detector
*Susovan Das*
22. HK 27.54 Di 16:45 F Foyer
Construction of a neutron source for silicon detector irradiation
*Eduard Friske*
23. HK 27.65 Di 16:45 F Foyer
Measurements with CBM-TRD Prototypes at the CERN SPS in 2015
*Patrick Schneider*
24. HK 27.69 Di 16:45 F Foyer
Energy resolution measurements with the CBM-TRD using a 55Fe-Source
*Marcel Raabe*
25. HK 27.71 Di 16:45 F Foyer
Investigation of CO2-based Cooling for the CBM Silicon Tracking System
*Kshitij Agarwal*
26. HK 27.86 Di 16:45 F Foyer
A slow control and TDC calibration system for the HADES RICH upgrade
*Adrian Amatus Weber*
27. HK 27.93 Di 16:45 F Foyer
The common GBTX based prototype readout board for CBM
*Jörg Lehnert*
28. HK 29.7 Mi 18:30 F 1
CBM performance for anisotropic flow measurements of charged hadrons
*Vitalii Blinov*
29. HK 30.1 Mi 16:45 F 3
The Compressed Baryonic Matter experiment at FAIR
*Jörg Lehnert*
30. HK 33.3 Mi 17:30 F 072
Time based track reconstruction in the CBM experiment
*Timur Ablyazimov*
31. HK 33.4 Mi 17:45 F 072
Speed up approaches in the Cellular Automaton (CA) track finder
*Grigory Kozlov*
32. HK 34.3 Mi 17:30 F 073
Concept and design of an alignment monitoring system for the CBM RICH mirrors
*Jordan Bendarouach*
33. HK 35.7 Mi 18:15 F 102
Electrical quality assurance of silicon microstrip sensors for the CBM experiment
*Iaroslav Panasenko*
34. HK 35.8 Mi 18:30 F 102
Optical quality assurance procedures for the sensors of the CBM Silicon Tracking System
*Evgeny Lavrik*
35. HK 36.3 Mi 17:15 F 234
Studies of radiation field impact on microstrip sensors for the CBM Silicon Tracking System
*Ievgeniia Momot*
36. HK 36.8 Mi 18:30 F 234
Radiation Tolerance of a Fully Depleted CMOS Monolithic Active Pixel Sensor
*Tobias Bus*
37. HK 40.5 Do 15:00 F 3
Thermal dilepton emission as a fireball probe
*Florian Seck*
38. HK 44.7 Do 15:45 F 102
Simulation results for the upgraded RICH detector in the HADES experiment.
*Semen Lebedev*
39. HK 45.4 Do 14:45 F 072
Status update of the Feature Extraction Framework for CBM-TRD
*Cruz de Jesus Garcia Chavez*
40. HK 45.7 Do 15:30 F 072
The quality assurance database for the CBM Silicon Tracking System
*Anton Lymanets*
41. HK 47.2 Do 17:15 F 1
Multi-strange Hyperons and Hypernuclei reconstruction at the CBM experiment
*Iouri Vassiliev*
42. HK 47.8 Do 18:45 F 1
Online reconstruction of multi-strange hyperons with the CBM experiment
*Hamda Cherif*
43. HK 50.6 Do 18:00 F 3
Online data pre-processing for CBM-MVD
*Qiyan Li*
44. HK 50.7 Do 18:15 F 3
Studies of the Applicability of Key-Value Stores for the CBM First-level Event Selector
*Helvi Hartmann*
45. HK 50.9 Do 18:45 F 3
A parametric response model for the self-triggered MRPC readout scheme of the CBM time-of-flight system
*Christian Simon*
46. HK 53.1 Do 16:45 F 073
The CBM-MVD: Group Report
*Michal Koziel*
47. HK 53.4 Do 17:45 F 073
Design studies on the MimoSIS pixel sensor for the CBM MVD
*Philipp Sitzmann*
48. HK 53.7 Do 18:30 F 073
Finalizing the CBM-MVD Geometry: CAD and Simulation
*Philipp Klaus*
49. HK 58.3 Fr 14:45 F 1
Reconstruction of short-lived particles with neutral daughter by the missing mass method
*Pavel Kisel*
50. HK 62.4 Fr 14:45 F 102
Detector performance tests for the CBM TRD
*Martin Kohn*
51. HK 62.5 Fr 15:00 F 102
Construction of large full-size MWPC prototypes for the CBM-TRD
*Susanne Glässel*
52. HK 62.6 Fr 15:15 F 102
Development of a Gas System Prototype for the CBM-TRD
*Felix Fidorra*
53. HK 62.7 Fr 15:30 F 102
An instrumented analysis and supply gas system prototype for the CBM TRD
*Philipp Munkes*
54. HK 62.8 Fr 15:45 F 102
Spectra and Position Reconstruction on CBM-TRD Data from CERN-SPS Testbeam 2016
*Philipp Kähler*
55. HK 63.2 Fr 14:15 F 072
Test of the STS-XYTER2 frontend ASIC for the CBM Silicon Tracking System
*Adrian Rodriguez Rodriguez*
56. HK 63.4 Fr 14:45 F 072
First measurements on the new FPGA-based DIRICH MAPMT readout
*Vivek Patel*
57. HK 63.5 Fr 15:00 F 072
DiRich - Readout Electronics for DIRC and RICH detectors at FAIR
*Jan Michel*
58. HK 63.6 Fr 15:15 F 072
Evaluation of the CBM FLES input interface at 2016 CERN/SPS beam test
*Dirk Hutter*